: BRACKET, GAS SPRING STUD

Tuesday, 10/04/2007 7:32:31 AM

Linda Lacelle

Process Sheet

Customer

: CU-DAR001 Dart Helicopters Services

Job Number

: 31688

Estimate Number

: 10183

P.O. Number

: N/A

This Issue

: 10/04/2007

Prsht Rev. First Issue : NC : N/A

: 31688

Туре

: SMALL /MED FAB

Part Number

Material

Due Date

Drawing Name

: D2154

Drawing Number

. D2154 REV. C : N/A

Project Number Drawing Revision

: C :N/A

: 19/04/2007

Qty:

Previous Run Written By

Checked & Approved By

Comment

: Est: C 03.08.08 Reformat; Remove Tumble KJ/RF Est Rev:D NowOn Waterjet 07-04-09 JLM

S.O. No. : N/A

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description:

1.0

M304S16GA

304/316 .063 Sheet

Comment: Qty.:

0.0350 sf(s)/Unit Total:

304/316 .063 Sheet

Batch:

SAD

2.0

WATER JET

FLOW WATER JET

Comment: FLOW WATER JET

1-Cut as per Dwg D2154

Dwg Rev:

Prog Rev:

2-Deburr if necessary 3.0

QC2

INSPECT PARTS AS THEY COME OFF MACHINE



Comment: INSPECT PARTS AS THEY COME OFF MACHINE

SAD

4.0

SECOND CHECK

Comment: SECOND CHECK

SMALL & MEDIUM FAB RESOURCE 1

5.0

SMALL FAB 1

Comment: SMALL & MEDIUM FAB RESOURCE 1

Deburr if necessary

age 1

Form: rprocess

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: BRACKET, GAS SPRING STUD

Part Number: D2154

Description:

Job Number: 31688

Seq. #:

Job Number:

Machine Or Operation:

6.0

BRAKE NC



NC BRAKE



Comment: NC BRAKE

QC5

Form as per Dwg D2154

Rev:



7.0



Comment: INSPECT WORK TO CURRENT STEP

8.0

POWDER COATING

FOWDER COATING

MI 103 706



Comment: POWDER COATING

Powder Coat White Gloss (Ref: 4.3.5.2) as per QSI 005 4.3

9.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSIO



Comment: INSPECT POWDER COAT



10.0 PACKAGING 1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:



11.0

Job Completion





Comment: FINAL INSPECTION/W/O RELEASE



U Sull-27

Thursday, 4/5/2007 11:58:50 AM Date: User: Kim Johnston **Process Sheet** : CU-DAR001 Dart Helicopters Services **Drawing Name** : BRACKET, GAS SPRING STUD Customer ----Job Number : 10183 **Estimate Number** : D2154 Part Number P.O. Number : D2154 REV. C : 4/5/2007 S.O. No. : **Drawing Number** This Issue : N/A : NC Prsht Rev. Project Number : C : // Type : PURCHASED PARTS **Drawing Revision** First Issue : 27126 Material Previous Run, : 4/19/2007 **Due Date** Qty: 20 Um: Each Written By Checked & Approved By : Est: C 03(0\$.08 Reformat; Remove Tumble KJ/RF Comment **Additional Product** 527. Job Number: **Machine Or Operation:** Seq. #: 1:00:1 PURCHASING Ermay 2 5 AC this is: Comment: PURCHASING Issue P/O: an , 4A Email or Ship DXF file to vendor Laser Cut flat pattern per Dwg D2154 Afri Material release note is required D2154F 2.0~ Bracket, Stud Comment: Qty.: 1.0000 Each(s)/Unit Total: 20.0000 Each(s) yen in BRACKET, GAS SPRING STUD PACKAGING 1 PACKAGING RESOURCE #1 3.0 36.17 Comment: PACKAGING RESOURCE #1 Sept. 133 Recieive & Inspect for Transit Damage Ensure Material Release Note is attached 4.0 DIMENSIONAL CHECK Comment: DIMENSIONAL CHECK 5.0 SMALL FAB 1 SMALL & MEDIUM FAB RESOURCE 1 Comment: SMALL & MEDIUM FAB RESOURCE 1 Deburr if necessary

1

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
Part No	PAR #:		Fault Category:	NCR: Ye	s No DQ	A:	_ Date: _		
				QA:	N/C Close	d:	_ Date: _		

NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
		Description of NC		Corrective Action Section B	Varification	A					
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector			
								1			

NOTE: Date & initial all entries

Date: Thursday, 4/5/2007 11:58:50 AM User: Kim Johnston **Process Sheet** Drawing Name: BRACKET, GAS SPRING STUD Customer: CU-DAR001 Dart Helicopters Services Job Number: 31688 Part Number: D2154 Job Number: Seq. #: Description: **Machine Or Operation:** BRAKE NC NC BRAKE 6.0... Comment: NC BRAKE Form as per Dwg D2154 Rev: INSPECT WORK TO CURRENT STEP 7.0 □ Comment: INSPECT WORK TO CURRENT STEP POWDER COATING lun. 16 Comment: POWDER COATING Powder Coat White Gloss (Ref: 4.3.5.2) as pel QSI 005 4.3 INSPECT POWDER COAT/CHEMICAL CONVERSION 9.0 Ω. Comment: INSPECT POWDER COAT 10.0 PACKAGING 1 PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Identify and Stock A. 5. 62 . Location: FINAL INSPECTION/W/Q RELEASE QC21 11.0 50101 Comment: FINAL INSPECTION/W/O RELEASE Job Completion

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE		Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		

Part No:	PAR #:	Fault Category:	NCR: Yes No	DQA:	Date:
			QA: N/C C	losed:	Date:

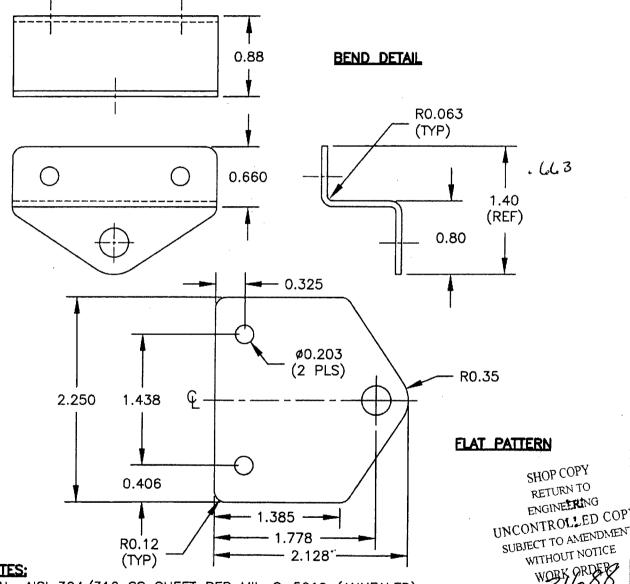
NCR:		WORK ORDER NON-CONFORMANCE (NCR)									
		Description of NC		Corrective Action Section B		Verification	A				
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspecto			
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		92A 124									

NOTE: Date & initial all entries



DESIG	n GH	DRAWN BY	DART AEROSPACE HAWKESBURY, ONTARIO, CAN	
CHEC	KED ()	APPROVED	DRAWING NO.	REV. C
	\mathcal{A}'	1	D2154	SHEET 1 OF 1
DATE		1	TITLE	SCALE
04.	10.12		BRACKET, STUD	1:1
Α		92.07.28	NEW ISSUE	

RELEASED 04.10.15 A 92.07.28 NEW ISSUE
B 98.09.15 UPDATE FLAT PATTERN; ADD P/COAT
C 04.10.12 0.88 WAS 0.875; 2.128 WAS 2.068



D2154 NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET PER MIL-S-5019 (ANNEALED)
- 2B FINISH 0.063 THICK (M304S16GA)
 2) FINISH: POWDER COAT WHITE (REF: 4.3.5.2) PER DART QSI 005 4.3
 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES
- 5) IDENTIFY WITH PART NUMBER AND BATCH NUMBER USING A FINE POINT PERMANENT INK MARKER.

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DART AEROSPACE LTD	Work Order: 3162	<i>?</i> ?
Description:	Part Number: 02/2	54
inspection Dwa: Rev:	Pag	e 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

First Article	Prototype
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	pection Sheet ving Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
A	2,250	4.0.010	2,255	0		Very	
E	1.438	4-0.010	1.439	/		Very	
C	0.406	4-0.010	0.408	/		Vers	
D	1.778	+1-0.010	1.782	/		Vern	
E	2,128	4-0.616	2.130	/		Ueva	
F	0.325	41-0.010	0.327	/		Jem	
G	\$ 0.203	11-0.005	\$0.204	/		Verg	
- 1	0.063	41-0.010	0.058	/		Vern	
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Measured by: 500	Audited by:	and	Prototype Approval:	N/A
Date: 07/64/14	Date:	07/04/14	Date:	N/A
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Rev	Date	Cha	nge		Revised by	Approved
176.3	Date _	1 0000	9~		KJ/RF	
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